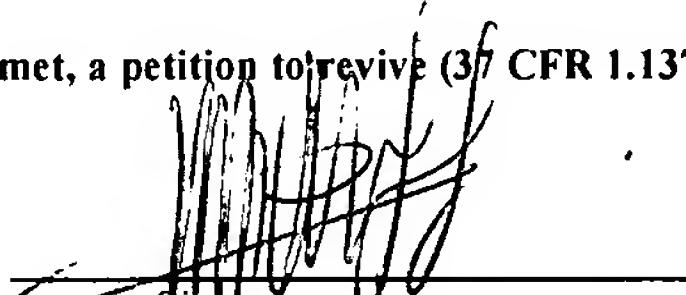


TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 2003882-0043 (P36186US-M/ECC/CC)
		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) To be assigned // 015
INTERNATIONAL APPLICATION NO. PCT/GB2005/000002	INTERNATIONAL FILING DAT January 5, 2005	PRIORITY DATE CLAIMED January 6, 2004
TITLE OF INVENTION NANOPOROUS/MESOPOROUS PALLADIUM CATALYST		
APPLICANT(S) FOR DO/EO/US Kucernak, et al.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) <ul style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). Publication WO2005/067082A2 (39 pp., including front page and 6 sheets of formal drawings) b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). </p> <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)). <ul style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). </p> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)). <ul style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendment has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. </p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).</p> <p>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. (c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).</p>		
Items 11 to 20 below concern document(s) or information included:		
<p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.56, 1.97 and 1.98. (6 pp.) with PTO Form 1449 (1 pg) and Cited Art (7 references, 4 enclosed)</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A preliminary amendment. (7 pp.)</p> <p>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input checked="" type="checkbox"/> A substitute specification (26 pp)</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input checked="" type="checkbox"/> Other items or information:</p>		

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/2005 TO BE ASSIGNED		INTERNATIONAL APPLICATION NO. PCT/GB2005/000002		ATTORNEY'S DOCKET NUMBER 2003882-0043 (P36186US-M/ECC/CC)	
21. The following fees are submitted:				Applicant use	Office use only
<input checked="" type="checkbox"/> a) Basic national fee \$300.00				\$ 300.00	
<input checked="" type="checkbox"/> b) Examination fee \$200.00				\$ 200.00	
<input checked="" type="checkbox"/> c) Search fee (International Search Report prepared by an ISA other than the US) \$400.00				\$ 400.00	
TOTAL OF ABOVE CALCULATIONS = \$900.00				\$ 900.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)		RATE	
<u>46 - 100 =</u>	/50 =			x \$250.00	\$ 0.00
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).				\$ 130.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	48- 20 =	28	x	\$50.00	\$ 1,400.00
Independent claims	1 - 3 =	0	x	\$200.00	\$ 0.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				\$360.00	\$ 360.00
TOTAL OF ABOVE CALCULATIONS =				\$ 2,790.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.				\$	
				SUBTOTAL =	\$ 2,790.00
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f))				\$ 0.00	
				TOTAL NATIONAL FEE =	\$ 2,790.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$ 0.00	
				TOTAL FEES ENCLOSED =	\$ 2,790.00
				Amount to be refunded	\$
				Amount to be charged	\$ 2,790.00
a. <input type="checkbox"/>	A check in the amount of \$.00 to cover the above fees is enclosed.				
b. <input type="checkbox"/>	Please charge my Deposit Account No. <u>03-1721</u> in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed				
c. <input checked="" type="checkbox"/>	The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>03-1721</u> . A duplicate of this sheet is enclosed.				
d. <input checked="" type="checkbox"/>	Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.				
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.					
SEND ALL CORRESPONDENCE TO: Patent Group Choate, Hall & Stewart LLP Two International Place Boston, Massachusetts 02110 Tel: 617-248-5000 Fax: 617-248-4000 Dated: June 28, 2006					
 Signature Nadège M. Lagneau, Ph.D. Name 51,908 Registration Number					

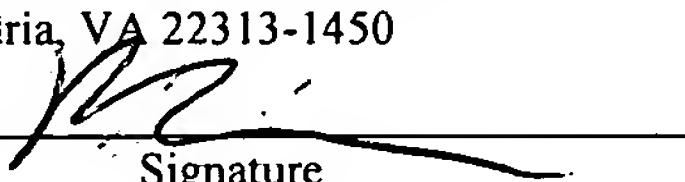
- PCT Request (pg.)
- Written Opinion of the International Searching Authority (11 pp)
- Notification of International Application No. and Filing Date (pg.)
- International Search Report (6 pp.)
- Return Postcard
- Certificate of Express Mail (1 pg)
- Credit Card Payment Form (1 pg)
- Notification of Receipt of Record Copy (pg., incl. cover sheets)
- Notification Concerning Submission or Transmittal of Priority Document (pg.)
- Statement Under 37 CFR § 1.821 (pg.)
- Paper Copy of Sequence Listing (pg.)
- Marked up Specification (27 pp)
- Formal Drawings (6 sheets)

1A201063715US JUN 2006

CERTIFICATE OF EXPRESS MAILING

"Express Mail" mailing label number: EV853903715US
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Signature
Mary B. Wilson

Printed Name

Express Mail No.: EV853903715US
Date of Deposit: June 29, 2006

Docket No.: 2003882-0043 (P36186US-M/ECC/CC)
Customer No. 24280

100-2005
JUN 2006

ATTORNEY'S DOCKET NUMBER: 2003882-0043 (P36186US-M/ECC/CC)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Kucernak, et al. Examiner: To be assigned
Serial No.: To be assigned Art Unit: To be assigned
Filing Date: June 29, 2006 Conf. No: To be assigned
From Int. Appl. No.: PCT/GB2005/000002
Intl Filing Date: January 5, 2005
Priority Date: January 6, 2004
Title: NANOPOROUS/MESOPOROUS PALLADIUM CATALYST

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

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Date of Deposit: <u>June 29, 2006</u>	
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	_____ Signature
_____ Mary B. Wilson Printed Name	

TRANSMITTAL LETTER

Enclosed for filing in the above-referenced patent application, please find the following documents:

1. Transmittal Letter to the United States Designated Office (DO/EO/US) Concerning a Filing Under 35 U.S.C. § 371 in duplication (3 pp);
2. Copy of the Published International Application WO2005/067082A2 (39 pp);
3. Preliminary Amendment (7 pp);
4. Marked-up Specification (27 pp);
5. Substitute Specification (26 pp);
6. Formal Drawings (6 sheets);
7. International Search Report (6 pp);
8. Statement Filed Pursuant To The Duty Of Disclosure Under 37 CFR §§1.56, 1.97 and 1.98 (6 pp);
9. Form PTO-1449 (1 pg);
10. Cited Art (7 references, 4 enclosed);
11. Written Opinion of the International Searching Authority (11 pp);
12. Certificate of Express Mail (1 pg);
13. Credit Card Payment Form in the amount of \$ **2,790.00** representing the Filing Fee for new '371 application (1 pg); and
14. Return Post Card.

Express Mail No.: EV 853903715 US

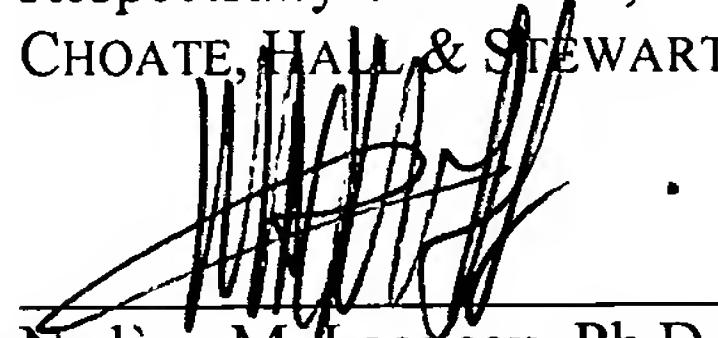
Attorney Docket No.: 2003882-0043
Client Ref.: P36186US-M/ECC/CC

EV/535015

RECEIVED, 7020 JUN 2006

Please charge any additional fees associated with this filing, or apply any credits, to our Deposit Account No. 03-1721.

Respectfully Submitted,
CHOATE, HALL & STEWART LLP


Nadège M. Lagneau, Ph.D.
Reg. No.: 51,908

Date: June 29, 2006

Customer No. 24280

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Attorney Docket No.: 2003882-0043
Client Ref.: P36186US-M/ECC/CC

June 29, 2006

ATTORNEY'S DOCKET NUMBER: 2003882-0043 (P36186US-M/ECC/CC)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Kucernak, et al.	Examiner:	To be assigned
Serial No.:	To be assigned	Art Unit:	To be assigned
Filing Date:	June 29, 2006	Conf. No.:	To be assigned
From Int. Appl. No.:	PCT/GB2005/000002		
Intl Filing Date:	January 5, 2005		
Priority Date:	January 6, 2004		
Title:	NANOPOROUS/MESOPOROUS PALLADIUM CATALYST		

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Customer No. 24280

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Mary B. Wilson

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Attorney Docket No.: 2003882-0043
Client Ref.: P36186US-M/ECC/CC

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